

CLAMP FOR PATTERN RECOGNITION

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ABSTRACT

- 5        A lead frame such as a normal or inverted lead frame includes an unsymmetrical part such as a gate. A clamp, for clamping the lead frame during wire bonding, includes an observation hole. The unsymmetrical part of the lead frame is visible through the observation hole. A lead eye box and
- 10    a lead eye point are set on the unsymmetrical part through the observation hole. The picture inside the lead eye box is captured and compared to a control picture. Setting the lead eye box and the lead eye point on the unsymmetrical part
- 15    through the observation hole allows detection of when the lead frame is inadvertently rotated at prescribed angles or when a normal lead frame and an inverted lead frame are inadvertently mixed.